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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 Of 5

Complete If Known

Application Number	10768,260
Filing Date	1/30/2004
First Named Inventor	Balaban, David J.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	3068.5B

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. †	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ‡ (§ known)			
	1	US- 4,683,202	07-28-1987	Mullis	
	2	US- 5,143,854	09-01-1992	Pirung et al.	
	3	US- 5,206,137	04-27-1993	Ip et al.	
	4	US- 5,364,759	11-15-1994	Caskey et al.	
	5	US- 5,371,671	12-06-1994	Andersen et al.	
	6	US- 5,445,934	08-29-1995	Fodor et al.	
	7	US- 5,492,806	02-20-1996	Drmanac et al.	
	8	US- 5,524,070	06-04-1996	Shin et al.	
	9	US- 5,525,464	06-11-1996	Drmanac et al.	
	10	US- 5,571,639	11-05-1996	Hubbell et al.	
	11	US- 5,571,639	11-05-1996	Hubbell et al.	
	12	US- 5,593,839	01-14-1997	Hubbell et al.	
	13	US- 5,593,839	01-14-1997	Hubbell et al.	
	14	US- 5,632,282	05-27-1997	Hay et al.	
	15	US- 5,642,936	07-01-1997	Evans	
	16	US- 5,667,972	09-19-1997	Drmanac et al.	
	17	US- 5,695,940	12-19-1997	Drmanac et al.	
	18	US- 5,700,637	12-23-1997	Southern	
	19	US- 5,707,806	01-13-1998	Shuber	
	20	US- 5,777,888	07-07-1998	Rine et al.	
	21	US- 5,800,992	09-01-1998	Foder et al.	
	22	US- 5,813,002	09-22-1998	Agrawal et al.	
	23	US- 5,819,282	10-06-1998	Hooper et al.	
	24	US- 5,832,182	11-03-1998	Zhang et al.	
	25	US- 5,843,669	12-01-1998	Kaiser et al.	
	26	US- 5,843,767	12-01-1998	Beattie	
	27	US- 5,856,101	01-05-1999	Hubbell et al.	
	28	US- 5,871,697	02-19-1999	Rothberg et al.	
	29	US- 5,871,928	02-16-1999	Foder et al.	
	30	US- 5,899,992	05-04-1999	Iyer et al.	
	31	US- 5,925,525	07-20-1999	Fodor et al.	
	32	US- 5,930,803	07-27-1999	Becher et al.	
	33	US- 5,933,818	08-03-1999	Kasravi et al.	
	34	US- 5,933,821	08-03-1999	Matsumoto et al.	
	36	US- 5,960,435	09-28-1999	Rathmann et al.	
	36	US- 5,961,923	10-05-1999	Nova et al.	

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	0768,260
		Filing Date	1/30/2004
		First Named Inventor	Balaban, David J.
		Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	3068.5B
Sheet	2	Of	5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>W</i>	37	US- 5,974,164	10-26-1999	Chee	
	38	US- 5,977,890	11-02-1999	Rigoutsos et al.	
	39	US- 5,991,766	11-23-1999	Sadiq et al.	
	40	US- 5,999,192	12-07-1999	Selridge et al.	
	41	US- 6,032,151	02-29-2000	Arnold et al.	
	42	US- 6,040,138	03-21-2000	Lockhard et al.	
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	44	US- 6,060,240	05-09-2000	Kamb et al.	
	45	US- 6,140,054	10-31-2000	Wittwer et al.	
	46	US- 6,185,561	02-06-2001	Balaban et al.	
	47	US- 6,188,783	02-13-2001	Choo bin	
	48	US- 6,472,520	10-29-2002	Fisher	
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	50	US- 6,600,996	07-29-2003	Webster et al.	
<i>W</i>	51	US- 6,618,852	09-09-2003	Van Eikeren et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
w	1	EP - WO 0 235 726	05-10-1989			
	2	EP - WO 0 307 476	03-22-1989			
	3	EP - WO 0 392 546	10-17-1990			
	4	EP - WO 0 717 113	07-17-1996			
	5	EP - WO 0 848 067	06-17-1998			
	6	WO - WO 89-11548	11-30-1989			
	7	WO - WO 90-11548	11-30-1989			
	8	WO - WO 90-15070	12-13-1990			
	9	WO - WO 92-10092	06-25-1992			
	10	WO - WO 92-10588	06-25-1992			
	11	WO - WO 93-22456	11-11-1993			
	12	WO - WO 95-11995	05-04-1995			
	13	WO - WO 96-23078	08-01-1996			
	14	WO - WO 97-10365	03-20-1997			
w	15	WO - WO 87-17317	05-15-1997			

Examiner Signature	<i>Hunsby</i>	Date Considered	2/10/06
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<i>en</i>	16	WO - WO 97-19410	05-29-1997			
<i>en</i>	17	WO - WO 97-27317	07-31-1997			
<i>en</i>	18	WO - WO 97-29212	08-14-1997			

Examiner Signature	<i>[Signature]</i>	Date Considered	2/10/06
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		First Named Inventor	Balaban, David J.
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet	4	of	5
		Attorney Docket Number	3068.5B

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T ²
<i>[Signature]</i>	1	ADAMS et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <u>Science</u> , Vol. 252, No. 5013, 1995, pps. 1651-1656.	
	2	ALLEE, "Data management for Automated Drug Discovery Laboratories", Laboratory Robotics and Automation, Aug. 21, 1996, pp. 307-310.	
	3	DATE, "Introduction to Database Systems—Chapter 4, An overview of DB2", 1990, pp. 111-116.	
	4	DRMANAC, "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method", <u>Genomics</u> , 4:114-128 (1989).	
	5	FICKETT et al., "Development of a Database for Nucleotide Sequences", <u>Mathematical Methods for DNA Sequences</u> , 1989, pps. 2-34.	
	6	FRENKEL, "The Human Genome Project and Informatics: A Monumental Scientific Adventure", <u>Communications of the ACM</u> , pp. 40-52.	
	7	GIBBS et al., "Detection of single DNA base differences by competitive oligonucleotide priming", <u>Nucleic Acid Res.</u> , Vol. 17, No. 7, 1989, pps. 2437-2448.	
	8	GUATELLI et al., "Isothermal, In Vitro Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <u>Proc. Natl. Acad. Sci USA</u> , 85(5):1874-1878 (1990).	
	9	GUSELLA, "DNA Polymorphism and Human Disease", <u>Annu. Rev. Biochem.</u> , 55:831-854 (1986).	
	10	HARA et al., "Subtractive cDNA cloning using oligo(dT)30-latex and PCR: isolation of cDNA clones specific to undifferentiated human embryonal carcinoma cells", <u>Nucleic Acid Res.</u> , Vol. 19, No. 25, 1991, pps. 7097-7104.	
	11	IntelliGenetics Suite TM , Release 5.4, Advanced Training Manual, January 1993, pps. 1-6, 1-19, 2-9 and 2-14.	
<i>[Signature]</i>	12	KERLAVAGE, Anthony R., et al., "Data management and Analysis for High-Throughput DNA Sequencing Projects", <u>IEEE Engineering In Medicine and Biology</u> , Nov.-Dec. 1995, pp. 710-717.	

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<i>W</i>	13	KHAN et al., "Single pass sequencing and physical and genetic mapping of human brain cDNAs", <u>Nature Genetics</u> , Vol. 2, November 1992, pps. 180-185.	
	14	KWOH et al., "Transcription-Based Amplification System and Detection of Amplified human immunodeficiency Virus Type 1 with a Bead-Based Sandwich Hybridization Format", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 86, No. 4, 1989, pps. 1173-1177.	
	15	LANDEGREN et al., "A Ligase-Mediated Gene Detection Technique", <u>Science</u> , Vol. 241, No. 4869, 1988, pps. 1077-1080.	
	16	MATSUBARA et al., "Identification of New Genes by Systematic Analysis of cDNAs and Database Construction", <u>Curr. Opin. Biotechnol.</u> , Vol. 4, No. 6, 1993, pps. 672-677.	
	17	MATTILA et al., "Fidelity of DNA Synthesis by the Thermococcus Litoralis DNS Polymerase—An Extremely Heat Stable Enzyme with Proofreading Activity", <u>Nucleic Acids Res.</u> , Vol. 9, No. 18, 1991, pps. 4987-4973.	
	18	OKUBO et al., "Large Scale cDNA Sequencing for Analysis of Quantitative and Qualitative Aspects of Gene Expression", <u>Nature Genetics</u> , Vol. 2, 1993, pps. 173-179.	
	19	ORITA et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 86, April 1989, pps. 2766-2770.	
	20	PR Newswire, "Gene Logic to Use Affymetrix GeneChip Array to Build Gene Expression Database Products", January 11, 1999.	
	21	SAIKI et al., "Analysis of Enzymatically Amplified Beta-Globin and HLA-DQ Alpha DNA with Allele-Specific Oligonucleotide Probes", <u>Nature</u> , Vol. 324, No. 6093, 1986, pps. 163-166.	
	22	WU et al., "The Ligation Amplification Reaction (LAR)—Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <u>Genomics</u> , Vol. 4, No. 4, 1989, pps. 560-569.	
<i>W</i>	23	ZHAO et al., "High-density cDNA filter analysis: a novel approach for large-scale, quantitative analysis of gene expression", <u>Gene</u> , Vol. 156, 1995, pps. 207-213.	

Examiner
Signature*W. S. King*Date
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